



The

# MARKETPLACE

For Recycling Commodities

Kentucky Recycling and Marketing Assistance

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## GLASS PULVERIZER AVAILABLE SOON

The Kentucky Recycling and Marketing Assistance program is acquiring a glass pulverizer that will be available to city and county recycling programs through a Memorandum of Understanding. Glass pulverized with this machine has smooth edges and can be mixed with dense grade aggregate to use as roadbed underlayment and for other similar applications. The pulverizer can process 300-500 pounds of glass per hour and must be fed by hand. If your municipal recycling program wants to use the pulverizer, call Tom Heil at (502) 564-6716.

## PLASTIC BOTTLE DEMAND

Recovered polyethylene terephthalate (PET) bottles are currently in great demand and short supply. The demand is mostly from manufacturers of carpets, beverage containers and strapping and from buyers in other countries. Other users include sheet and film producers, non-food bottle makers and engineered resin makers. Prices are increasing for recovered PET, but the recovery rate has been declining. In 1995, the United States recovered 39.7 percent, but by 2003 the rate declined to 19.6 percent. The demand for recovered PET is falling short about 100-200 million pounds per year.

States with container deposit laws are the most effective at recovering PET bottles, with about a 75-80 percent recovery rate. For most other states, the recovery rate for PET is less than 10 percent. Part of the problem is that many of the beverages packaged in PET bottles are consumed on the go, not in the home where they could easily be dropped in a recycling bin.

## STEEL RECYCLING AT 25-YEAR HIGH

The Steel Recycling Institute recently announced that the recycling rate for steel in the United States remained at 70.7 percent in 2004, making it one of the most recycled materials today. The institute reports that over 76 million tons of scrap steel were recycled, while the total tonnage increased by 7.2 million tons. An ironic twist to the booming recycling rate for steel is that it has caused so much scrap steel to be on the market that it has driven the price down.

## INCENTIVE-BASED RECYCLING PROGRAMS

Philadelphia recently began an experimental program that rewards residents for recycling. The pilot program includes about 6,000 households. Each is given a 36-gallon recycling bin with a bar-coded tag identifying its location. As recyclables are collected, the commingled materials are weighed, a dollar value is recorded, and households can obtain coupons by Web site or phone. The coupons can be redeemed at more than 50 local participating stores, including supermarkets and pharmacies. The amount of material recovered and the number of households participating has jumped significantly.

Sacramento, Calif., also offers a recycling incentive...in this case a \$100 cash prize. It is offered to residents who consistently place the correct materials in their recycling container. Winners are selected at random from each city council district, with 24 winners chosen per year.

Visit the Division of Waste Management Web Site at <http://www.waste.ky.gov>

This publication is printed with State funds on recycled paper and is available in alternative formats to persons with disabilities by contacting Dara Carlisle, Division of Waste Management, 14 Reilly Rd., Frankfort, KY 40601, (502) 564-6716.



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Prices are based on trailer load lots paid by end-users. This guide is for reference only and does not represent an obligation by any buyer to pay these amounts.

Prices vary according to location, condition of product and other factors. Prices for handlers and processors will be different from these prices which are quoted for manufacturers. Prices fluctuate daily or weekly, and are based on the second week of the month, unless otherwise noted, and may change.

<b>Paper</b>	<b>\$ per ton</b>		<b><u>Previous month</u></b>	<b><u>Previous Year</u></b>
Mixed Paper	60-65	Board and Mill purchase prices, baled, FOB seller's dock. From May 7, Official Board Markets Yellow Sheet, Chicago market.	60-65	60-65
Sorted Office	90-100		100-110	100-110
Newsprint #6	55-60		55-60	60-65
Newsprint #8	80-85		80-85	85-90
Sorted White Ledger	180-190		180-190	175-185
Corrugated Containers	75-80		75-80	85-90
<b>Plastics</b>	<b><u>Cents per lb.</u></b>	<i>From market sources serving Kentucky, contacted May 11. Baled, FOB seller's dock. Priced as loads available.</i>		
Polyethylene Terephthalate (PET-soda bottles)	22	clear and green (mixed)	20	15
High Density Polyethylene (HDPE-milk jugs) #2	30	natural	29	21
<b>Glass</b>	<b><u>\$ per ton</u></b>			
Clear	29	<i>From May 6, Recycling Manager, national average for truckload quantities, semi-crushed and cleaned, delivered to end-user.</i>	29	29
Amber	17		17	17
Green	9		9	9
<b>Metals</b>	<b><u>Cents per lb.</u></b>	<i>Aluminum from market sources serving Kentucky, contacted May 11.</i>		
Aluminum cans	66	densified, baled truckload, picked up	75	58
	<b><u>\$ per gross ton</u></b>	<i>Steel from American Metal Market, May 11, 2005. Delivered mill price; Chicago market quoted.</i>		
Steel Cans	170	Clean, used densified cans	200	185